

Figure 1

FIG. 3 is a block diagram of a Bluetooth system architecture showing the interaction between user space and kernel space components.

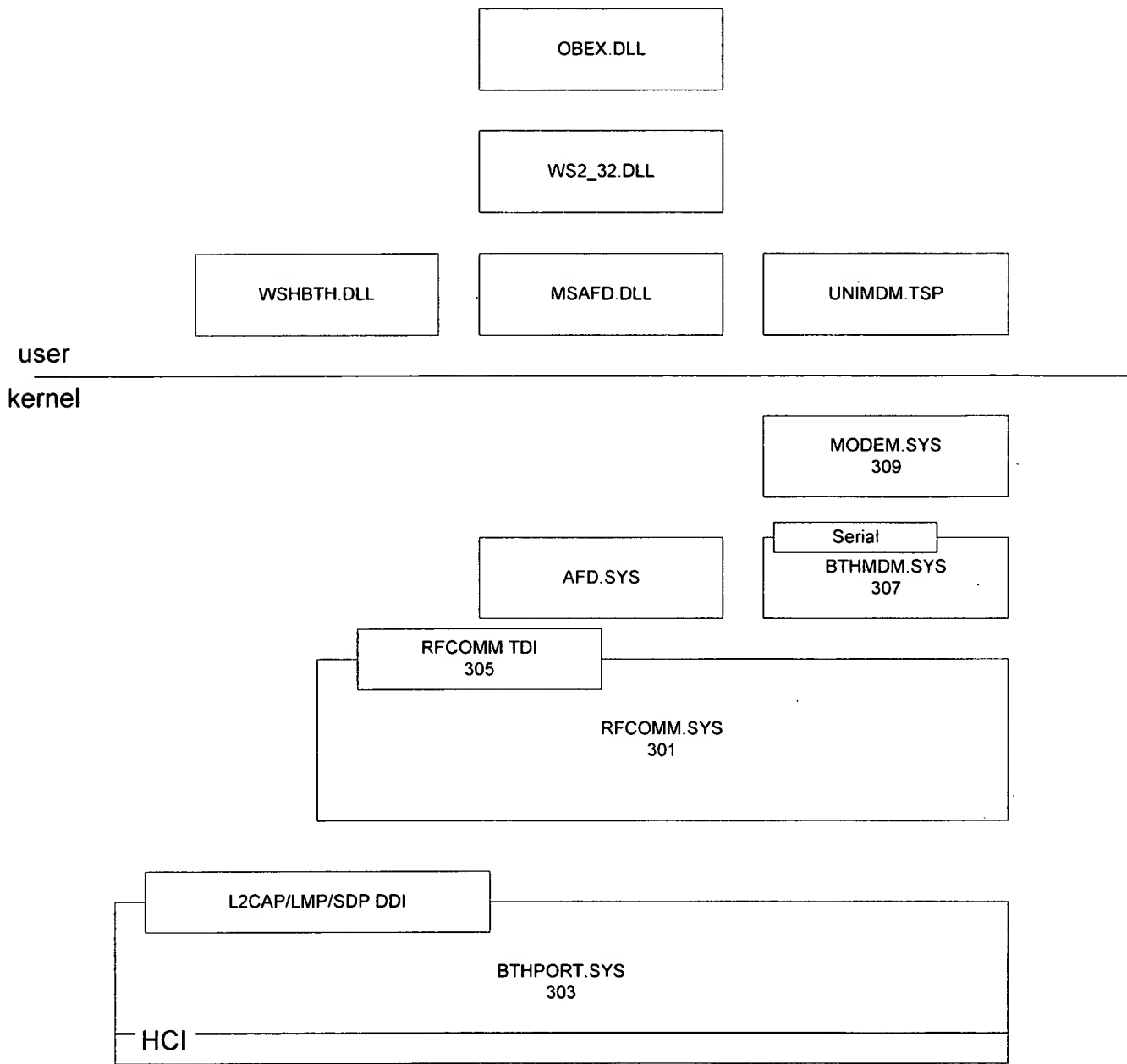


FIG. 3

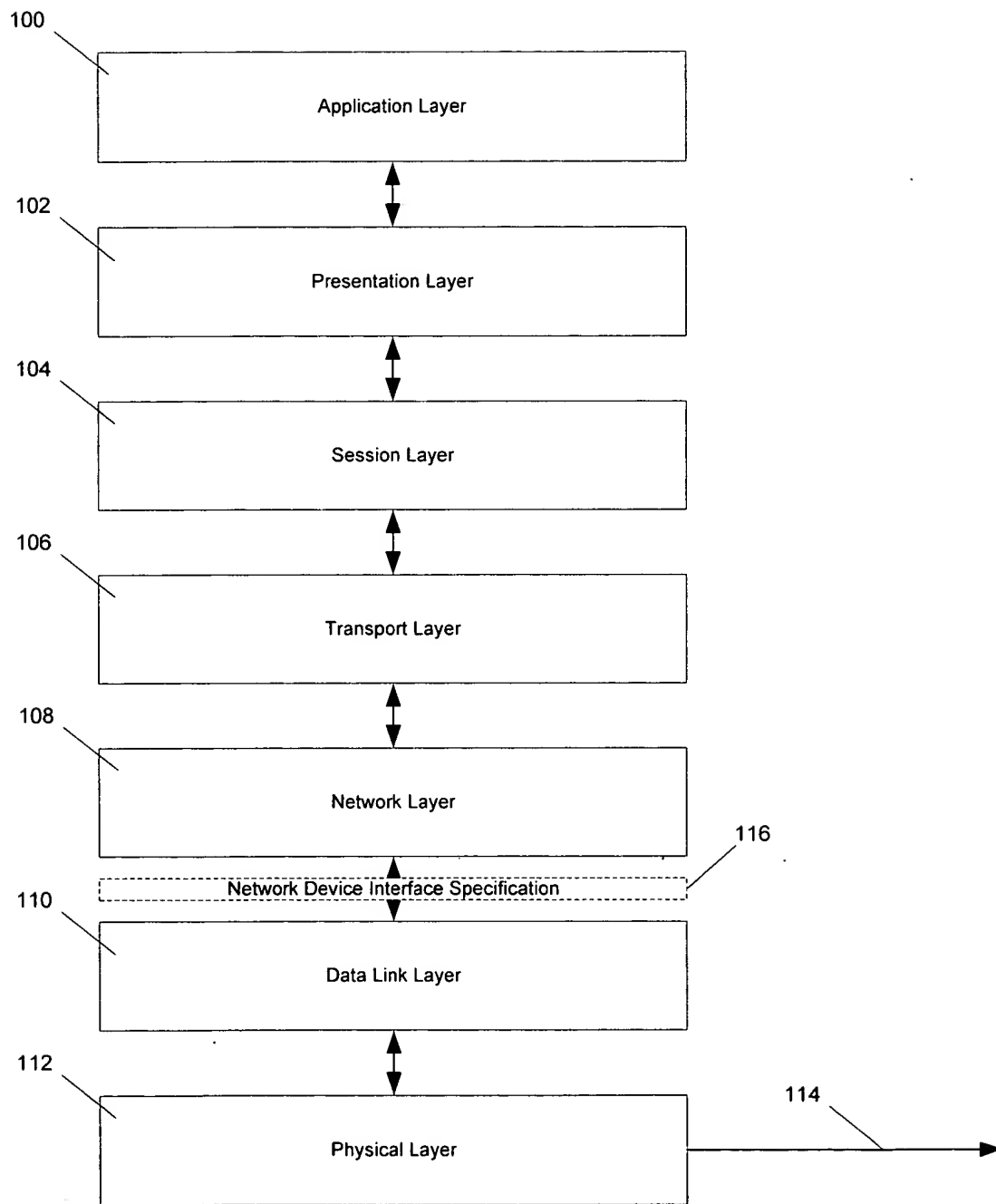


Figure 2

FIG. 4 is a flowchart illustrating a process for enumerating a new device PDO. The process starts with BTHPORT.SYS enumerating a new device PDO (201). RFCOMM.SYS is then loaded as the functional driver for this PDO (203). RFCOMM.SYS examines the SDP data base of the remote device (205). A decision is made: Is this a DUN device? (207). If yes, the device is exposed to Sockets via TDI interface (209). If no, RFCOMM.SYS enumerates a PDO that has MODEM.SYS as its functional driver and BTHMDM.SYS as a lower filter driver (211).

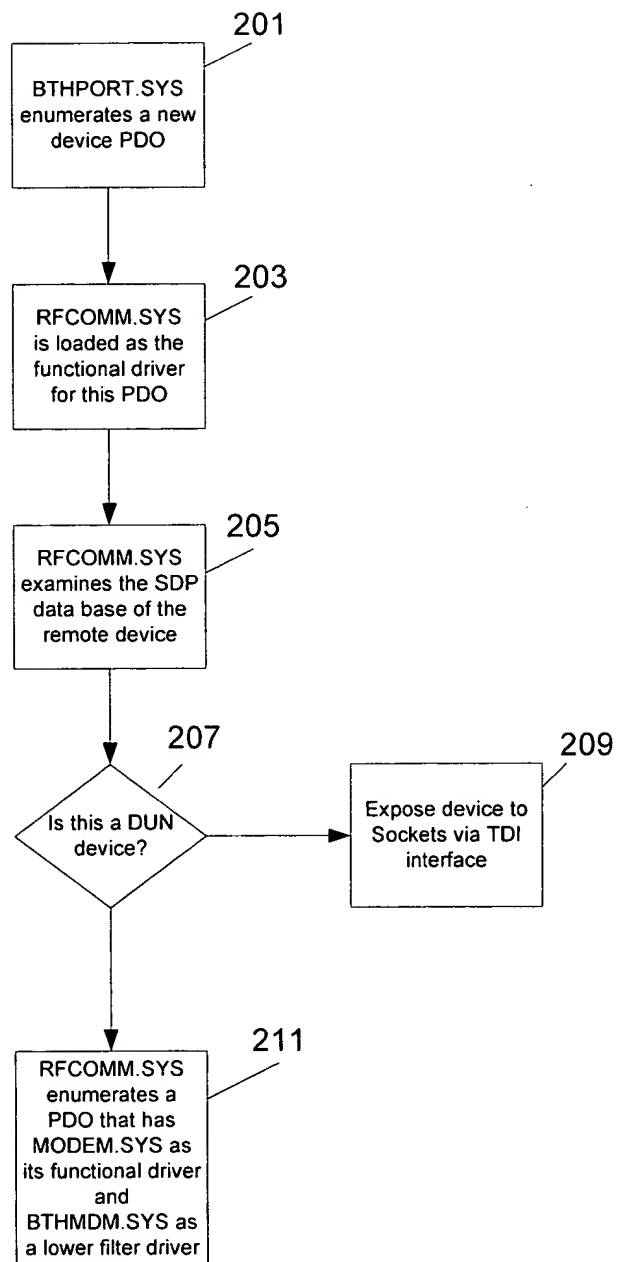


FIG. 4